

Quality of Life in Canada

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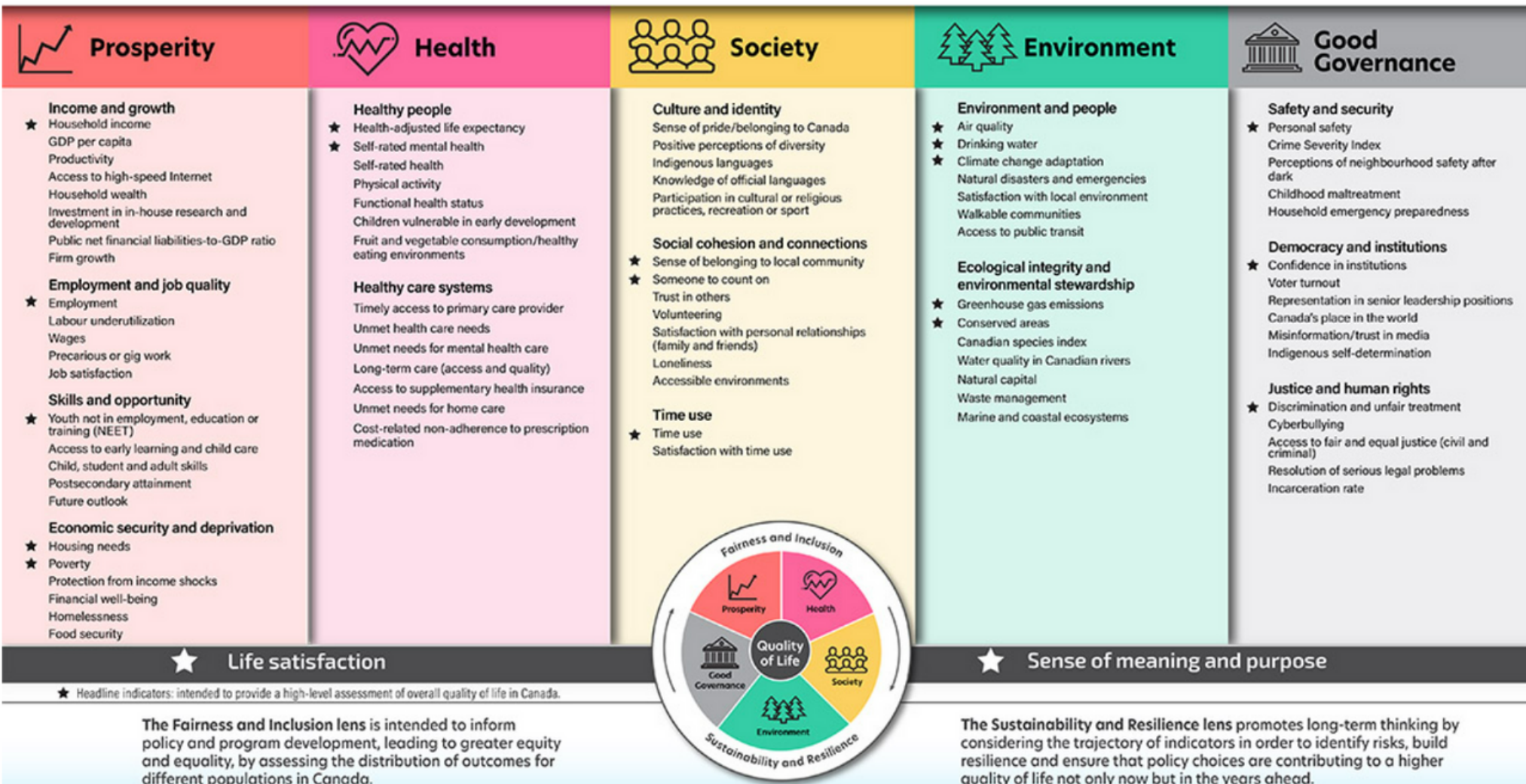
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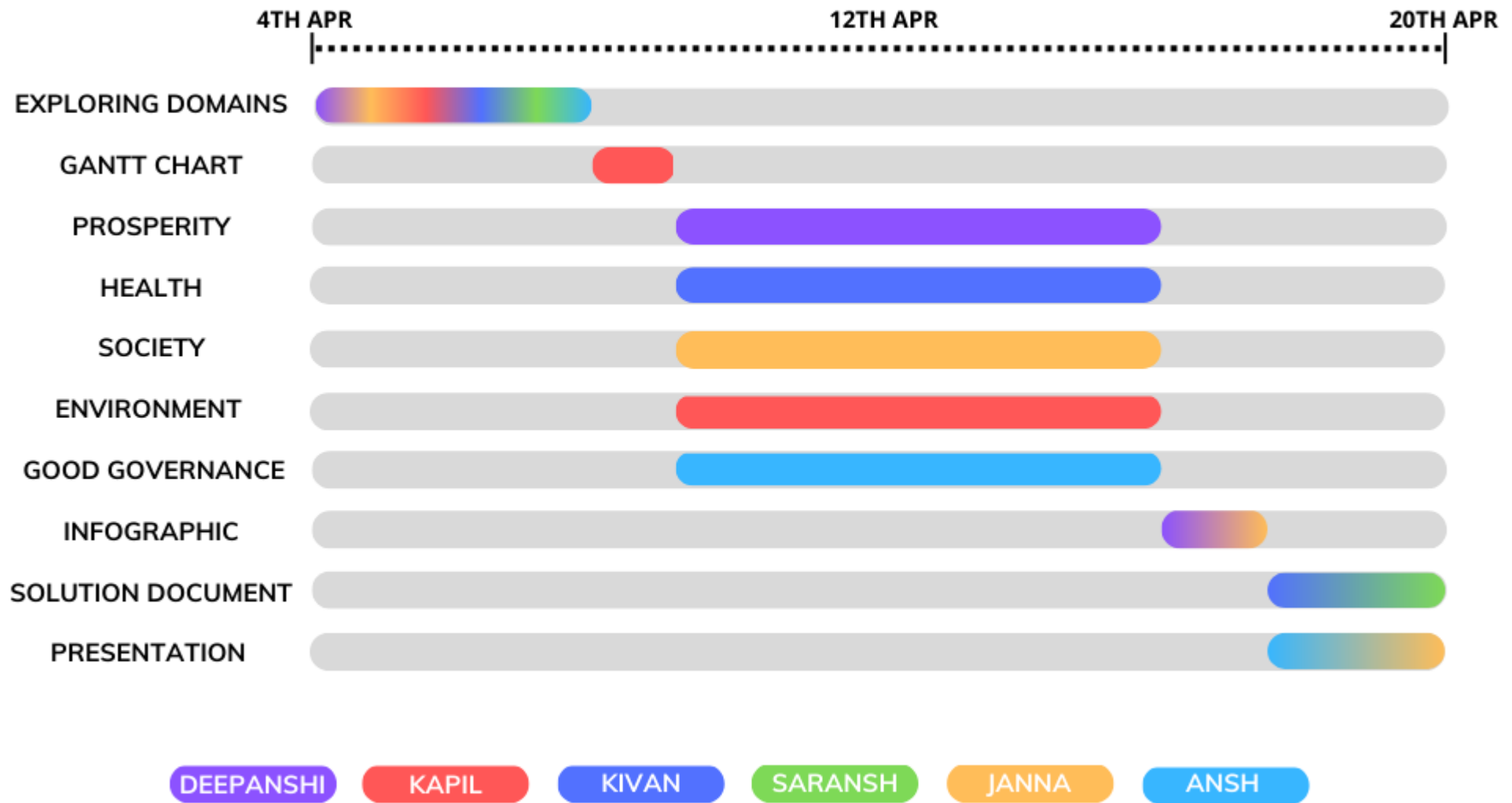
Group 3

Quality of Life Framework for Canada



Gantt Chart

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Measures selected

Prosperity

- Domain: Economic
- Subdomain & Analysis: Population vs unemployment rate

Health

- Domain: Healthy People
- Subdomain & Analysis: Health adjusted life expectancy
- Analysis: Perceived mental health

Society

- Domain: Culture and Identity
- Subdomain & analysis: Sense of Belonging

Environment

- Domain: Ecological Integrity & environmental stewardship
- Analysis: Greenhouse gas emissions

Good Governance

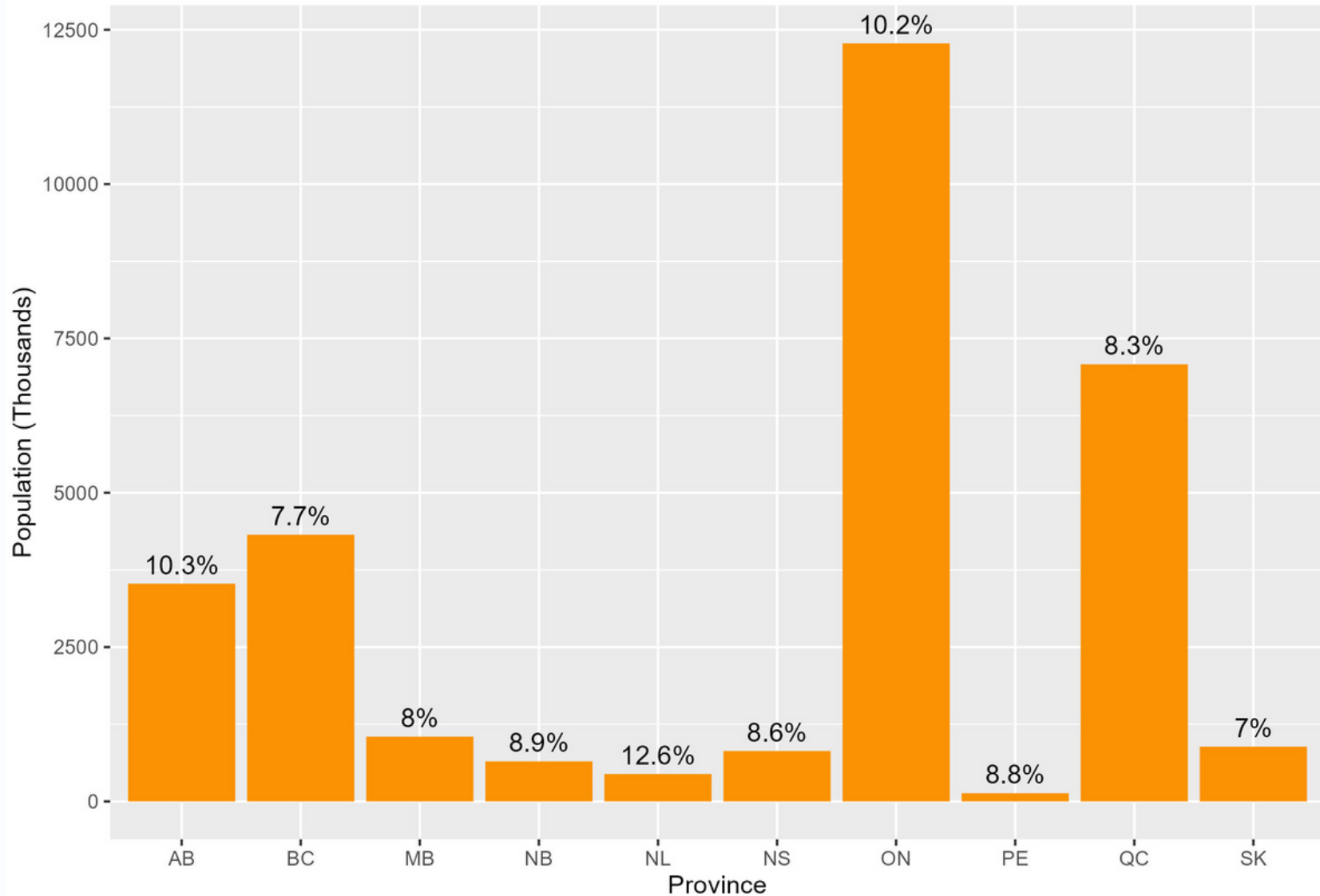
- Domain: Safety and security
- Subdomain: Personal Safety
- Analysis: Reports made of violent and not violent crimes

Prosperity

- Examining the relationship between province population and percentage of people in labor force who are unemployed.
- Province population refers to total number of individuals living there.
- Unemployment rate is percentage of individuals in labor force seeking work but unable to find work.
- Ontario has highest population; Vancouver has highest unemployment rate at 10.3%, slightly higher than Ontario's 10.2%
- High populations may have higher numbers of unemployed individuals.
- However may have lower unemployment rates if there are more job opportunities available.

Prosperity

Population vs Unemployment Rate by Province

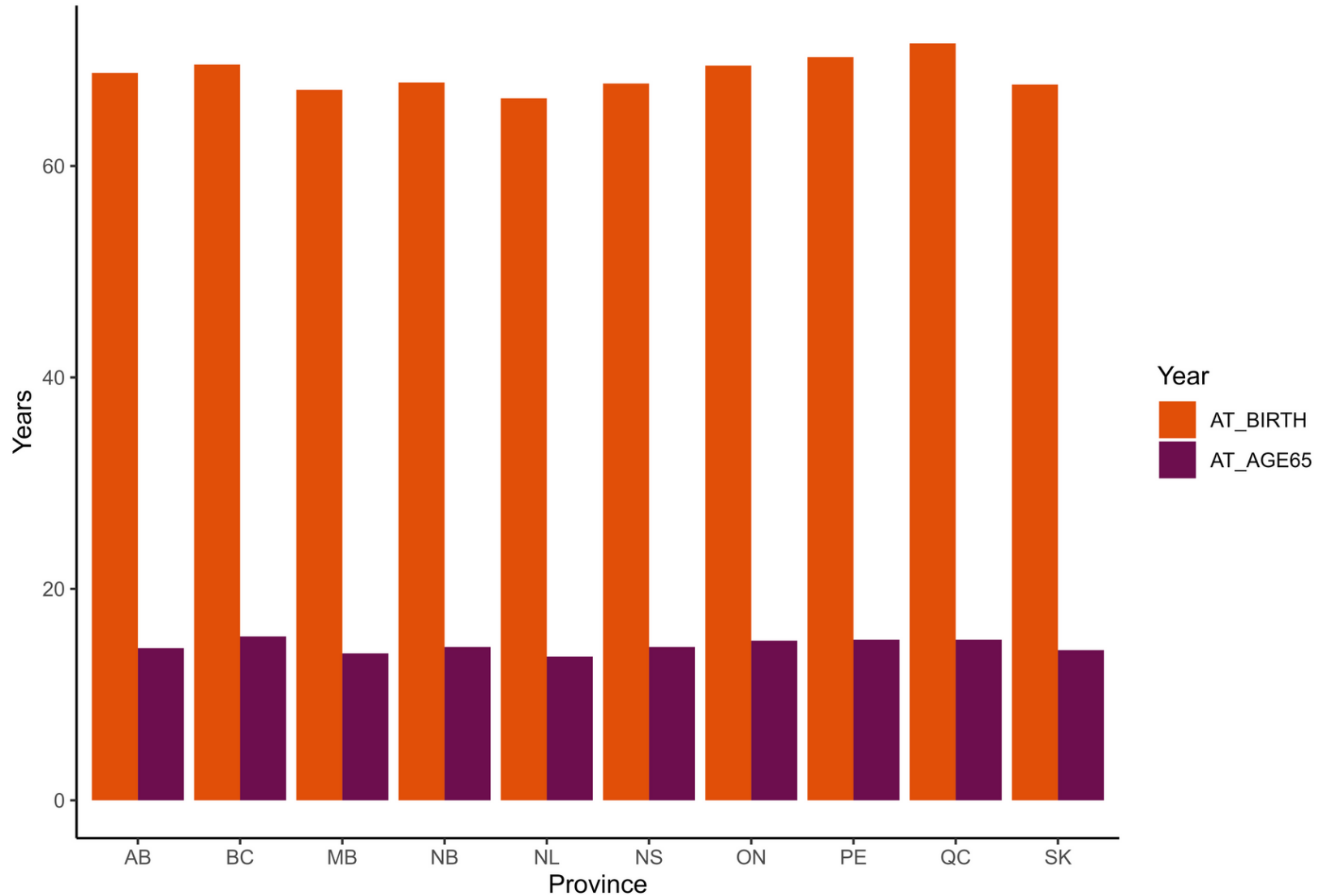


Health

- **Health-adjusted life expectancy (HALE) measures the overall health and quality of life of a population.**
- **This measurement combines life expectancy and health-related quality of life (HRQoL).**
- **It is expressed in years and can be used to compare the health status of different populations or track changes over time.**
- **There is a similar trend between provinces and territories for HALE at birth and at age 65.**
- **(HALE) is often used to evaluate healthcare interventions and identify areas for improvement.**

Health

Health-adjusted life expectancy



Health

- The graph shows the percentage of individuals in each Canadian province and territory who rated their mental health in three categories.
- Quebec stands out with 59% of individuals rating their mental health as excellent or very good and only 12% rating it as fair or poor.
- Results in other provinces and territories are relatively similar with little variance between the categories.

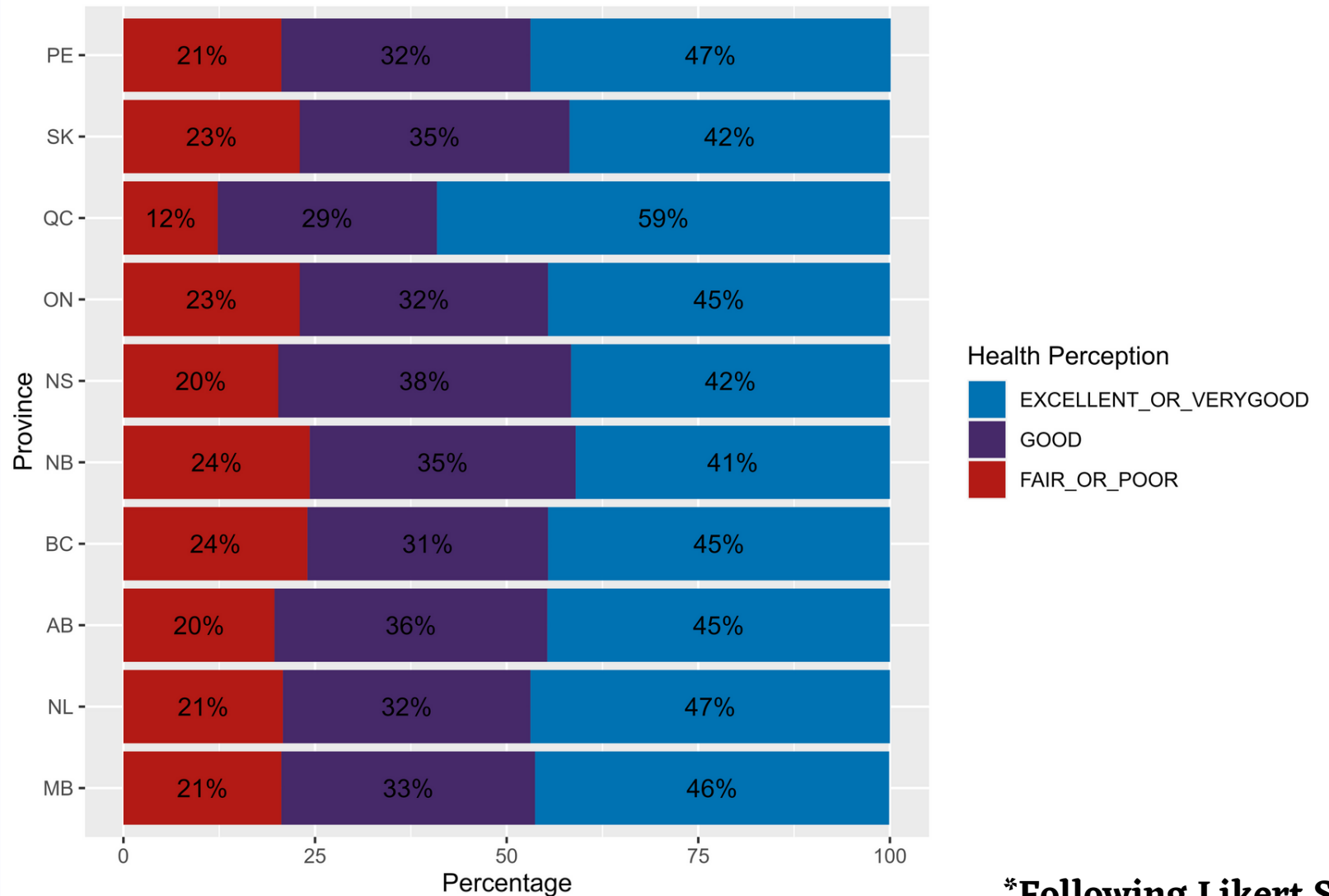
camh
mental health is health

 **Bell**
Let's Talk



Health

Perceived Mental Health



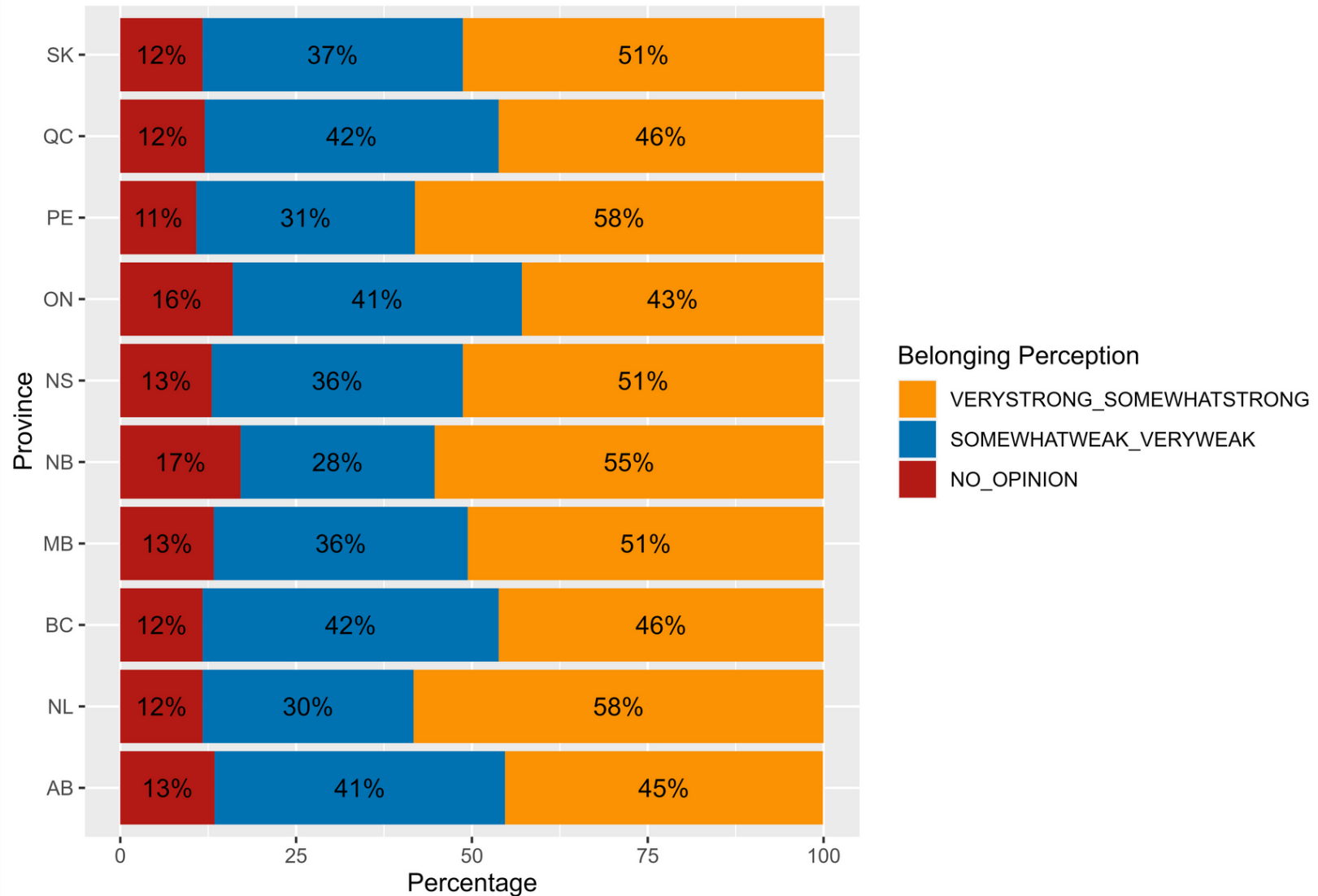
***Following Likert Scale**

Society

- It measures how connected individuals feel to their community and the level of social cohesion
- Indicators such as social support, community involvement, and trust are used to assess sense of belonging.

Society

Sense of Belonging to Society



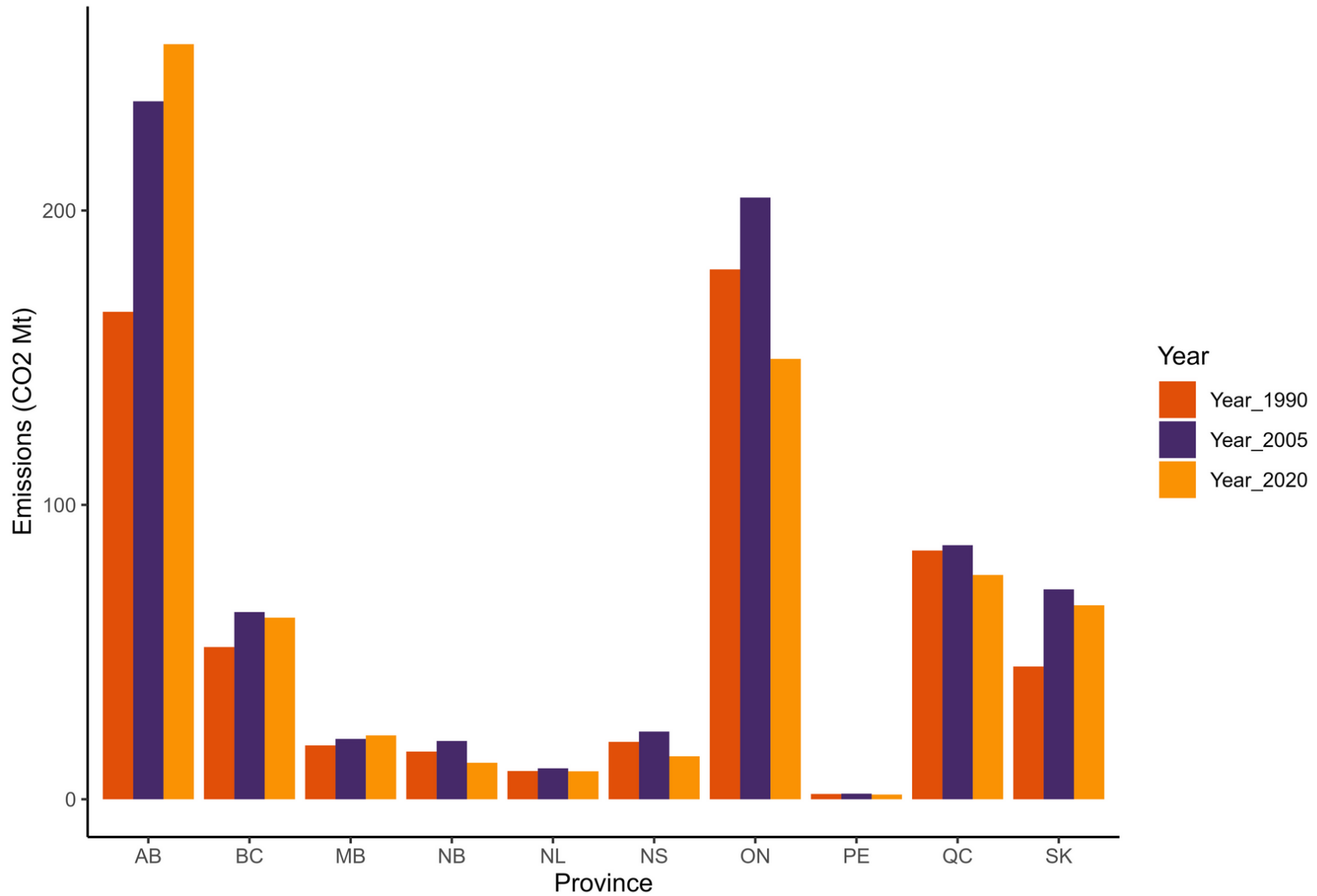
***Following Likert Scale**

Environment

- **Greenhouse gas emissions are a measure of the amount of gases released into the atmosphere that contribute to climate change.**
- **Measuring greenhouse gas emissions is crucial for understanding human impact on climate change and developing effective mitigation policies.**
- **In our analysis, we categorized 1990, 2005, 2020.**
- **Found that Alberta has continuously maintained the highest. Emissions (as a result of oil production) and second Ontario (much higher population).**

Environment

Greenhouse Gas Emission

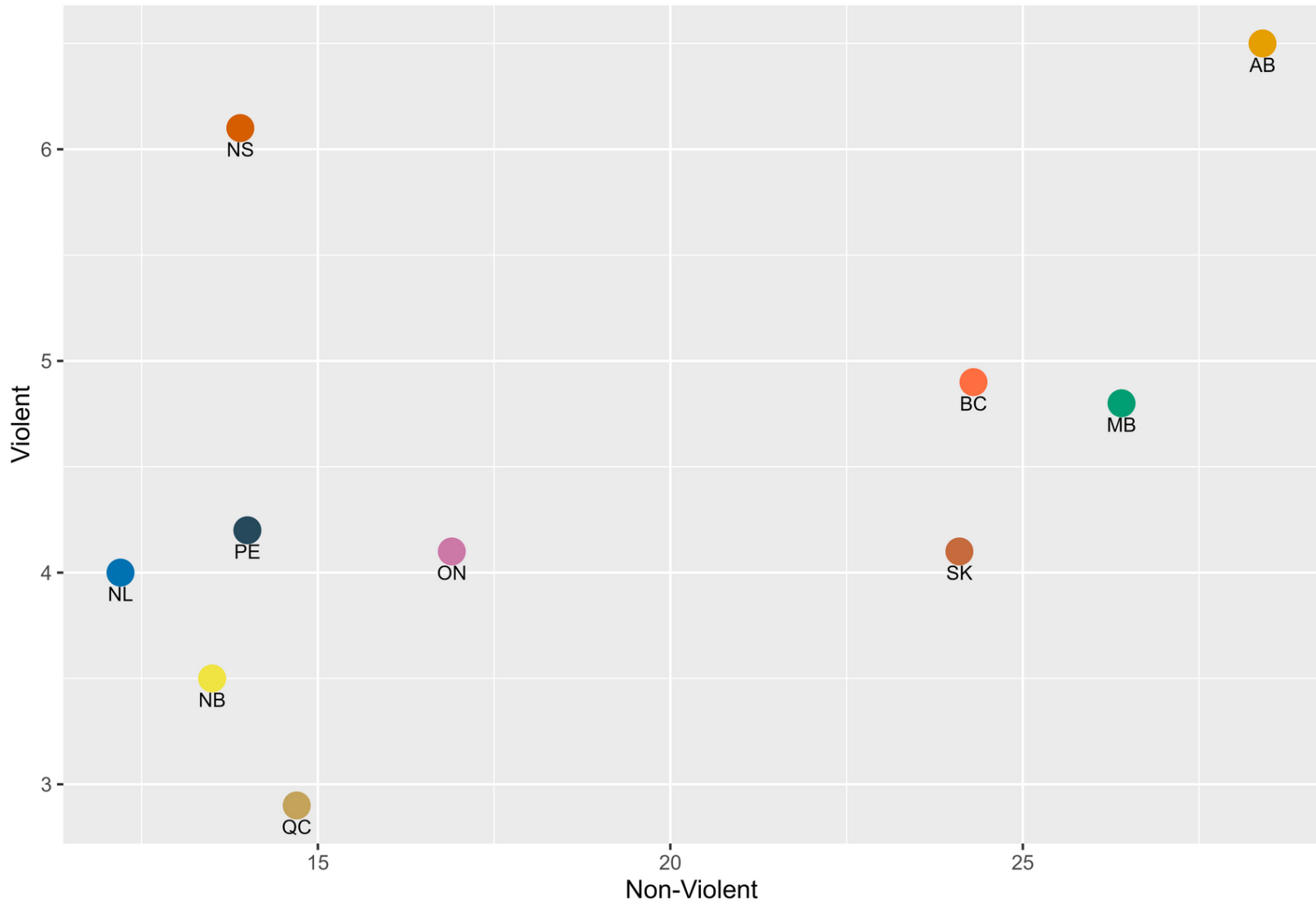


Good Governance

- **Violent crimes like assault, murder, and rape cause physical harm and emotional trauma.**
- **Non-violent crimes like theft, fraud, and vandalism cause financial losses and feelings of insecurity.**
- **Alberta has the highest concentration of Violent and non violent crimes**
- **Quebec and Newfoundland show the lowest concentration**
- **High levels of crime can lead to a decline in property values and public services.**
- **Preventing and reducing crime is important for improving quality of life.**

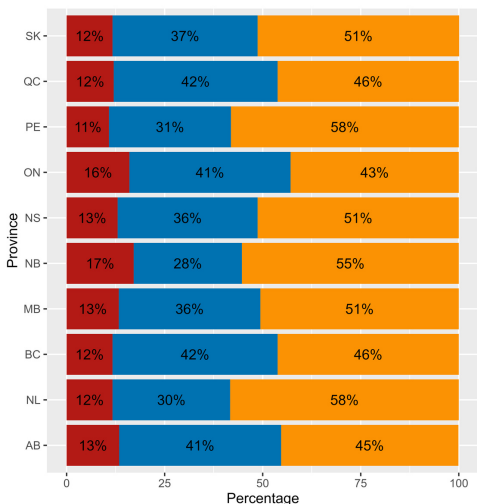
Good Governance

Reports Made of Violent and Non-Violent Victimization

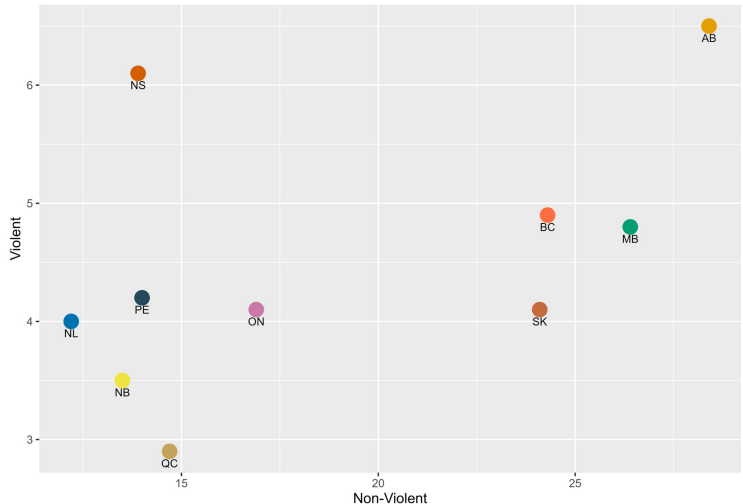


Quality of Life in Canada

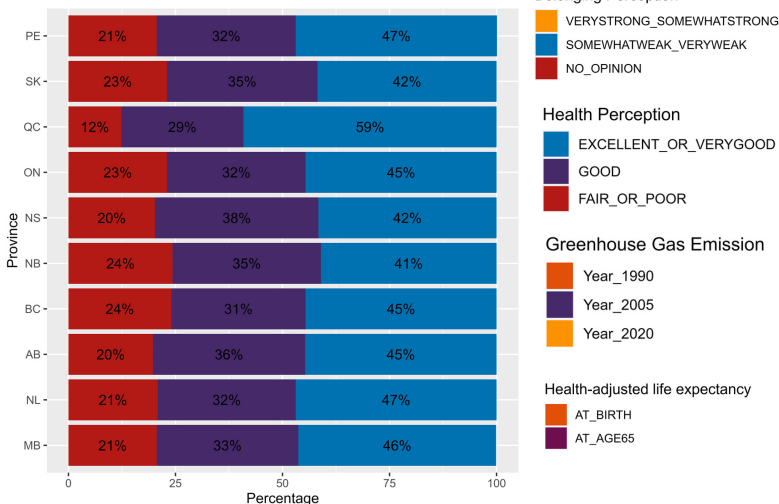
Sense of Belonging to Society



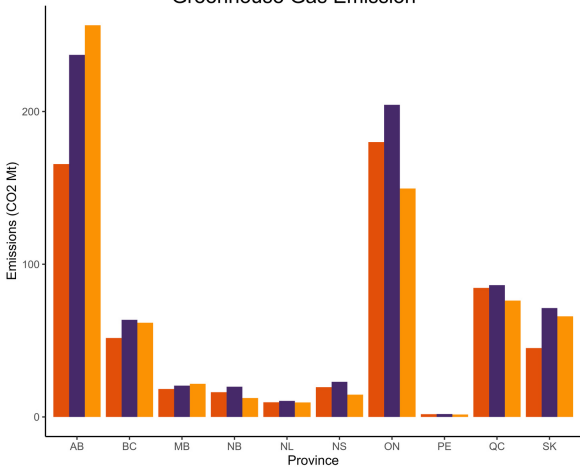
Reports Made of Violent and Non-Violent Victimization



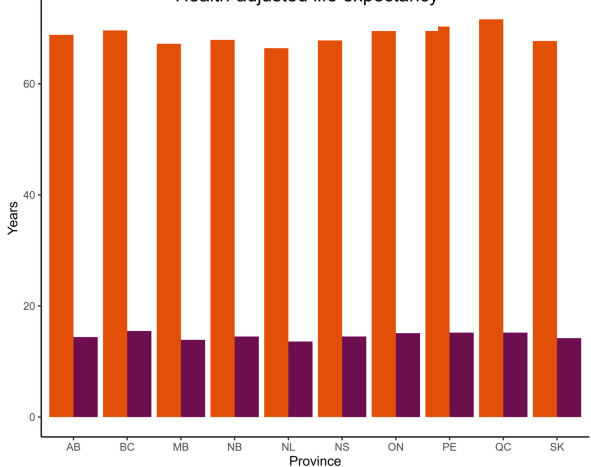
Perceived Mental Health



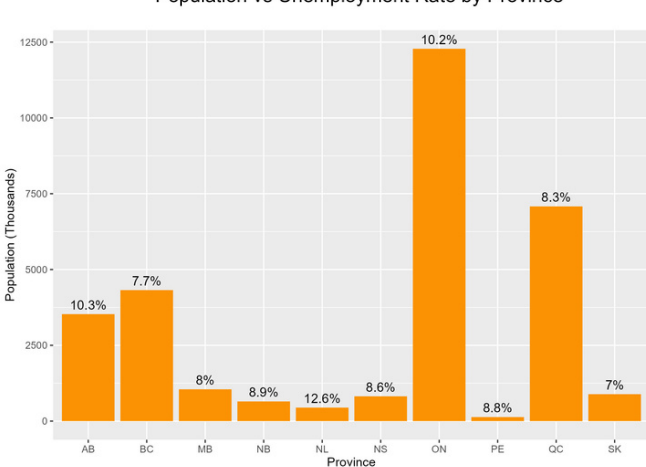
Greenhouse Gas Emission



Health-adjusted life expectancy



Population vs Unemployment Rate by Province



Quality of life: Conclusion

Despite some provinces having higher unemployment rates, the overall unemployment rate is relatively low, and the population has access to job opportunities.

Life expectancy and health-adjusted life expectancy are high, and there is a generally positive perception of mental health across Canada.

Canadians have a strong sense of belonging to their communities.

While some provinces, such as Alberta, have relatively high levels of violent and non-violent crime, the overall crime rate is low compared to other countries.

The environment remains a challenge due to greenhouse gas emissions, but progress is being made towards a more sustainable future.

Canada's Quality of Life framework provides a useful tool for policymakers to evaluate and address areas that need improvement to enhance the quality of life for all Canadians.

Sources

Unemployment Rate vs Population (Provincial)

<https://www150.statcan.gc.ca/t1/tbl1/en/cv!recreate.action?pid=1410028703&selectedNodeIds=2D1,2D7,4D1,5D1,6D1&checkedLevels=0D2,2D1&refPeriods=20210101,20210101&dimensionLayouts=&vectorDisplay=false>

Health-adjusted life expectancy (Provincial)

<https://www150.statcan.gc.ca/t1/tbl1/en/cv!recreate.action?pid=1310037001&selectedNodeIds=5D1&checkedLevels=0D2,1D1,2D1,3D1&refPeriods=20150101,20150101&dimensionLayouts=layout3,layout2,layout2,layout2,layout2,layout2&vectorDisplay=false>

Perceived mental health (Provincial)

<https://www150.statcan.gc.ca/t1/tbl1/en/cv!recreate.action?pid=4510007901&selectedNodeIds=1D7,1D8,1D13,4D1&checkedLevels=0D3,1D1,2D1&refPeriods=20221001,20221001&dimensionLayouts=layout3,layout2,layout2,layout3,layout2&vectorDisplay=false>

Sense of belonging to local community (Provincial)

<https://www150.statcan.gc.ca/t1/tbl1/en/cv!recreate.action?pid=4510005201&selectedNodeIds=1D7,1D8,1D13,4D1&checkedLevels=0D3,1D1,2D1&refPeriods=20221001,20221001&dimensionLayouts=layout3,layout2,layout2,layout3,layout2&vectorDisplay=false>

Greenhouse gas emissions (Provincial)

<https://www.canada.ca/content/dam/eccc/documents/csv/cesindicators/ghg-emissions/2022/ghg-emissions-regional-en.csv>

Personal safety - % of persons reporting victimization and violent (Provincial)

<https://www160.statcan.gc.ca/good-governance-saine-gouvernance/personal-safety-securite-personnelle-eng.htm>